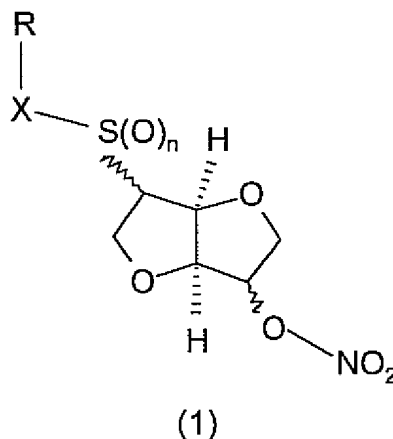


IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. The cancellation of any claim or subject matter within a claim is effected without prejudice.

1. (Original) A compound according to formula (I) or a tautomer, a pharmaceutically acceptable salt, a prodrug or a solvate thereof:



wherein

n is an integer of 0, 1, or 2

X represents -S(O)_m-, -(C=O)- or a single bond, wherein m is an integer of 0, 1, or 2, with the proviso that when X represents -(C=O)-, then n is 0,

R represents hydrogen or is a residue R^a, which residue R^a is selected from the group consisting of:

C₁₋₆ alkyl;

C₂₋₆ alkenyl;

C₃₋₈ cycloalkyl;

C₃₋₈ cycloalkyl, wherein one CH₂ group is replaced by O, S, NH or NCH₃;

C₄₋₈ cycloalkenyl;

C₄₋₈ cycloalkenyl, wherein one CH₂ group is replaced by O, S, N or NCH₃;

phenyl;

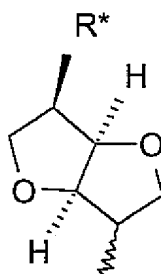
pyridyl;

thiophenyl;

nitrosyl;

S-cysteinyl;

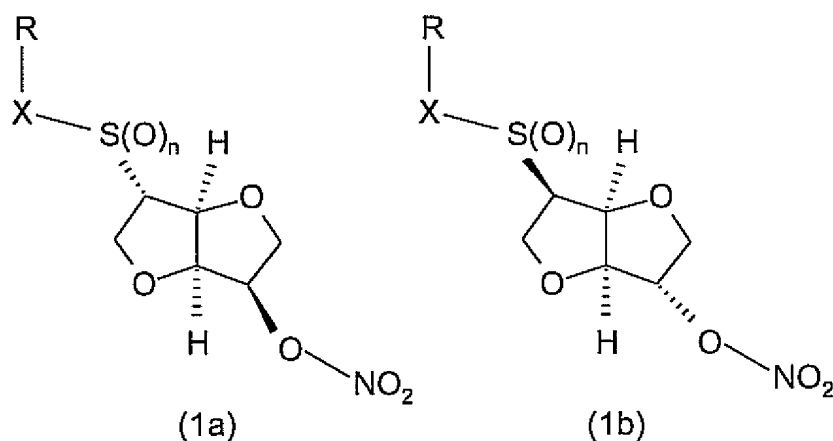
S-glutathionyl; and

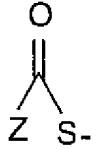


wherein R* is selected from the group consisting of hydrogen, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₃₋₈ cycloalkyl, C₄₋₈ cycloalkenyl, acetyloxy, hydroxyl, ONO₂ and halogen,

wherein R^a optionally is substituted by one to three groups independently selected from C₁₋₆ alkyl, C₂₋₆ alkenyl, C₃₋₈ cycloalkyl, C₄₋₈ cycloalkenyl, acetyloxy, hydroxyl, ONO₂ and halogen,

provided that when RXS(O)_n- and -ONO₂ are trans to each other with respect to the ring plane as depicted in formulae (Ia) and (Ib):



then $\text{RXS(O)}_n\text{-}$ does not represent  wherein Z is an $\text{C}_1\text{-C}_4$ alkyl group, aryl group, or an aralkyl group.

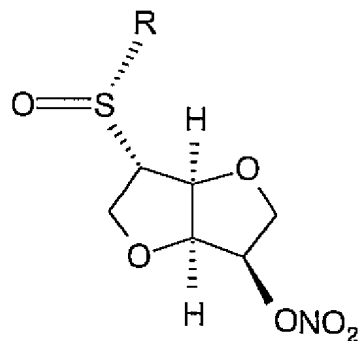
2. (Original) A compound according to Claim 1, wherein either one or both of m and n is 0.

3. (Previously Presented) A compound according to Claim 1, wherein X represents a single bond or -S-.

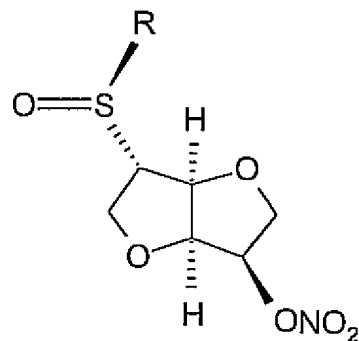
4. (Previously Presented) A compound according to Claim 1 wherein R represents hydrogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{3-8} cycloalkyl, C_{4-8} cycloalkenyl, (C_{1-6} alkyl) C_{3-8} cycloalkyl, (C_{1-6} alkyl) C_{4-8} cycloalkenyl, phenyl, (C_{1-6} alkyl)phenyl, 5-acetyloxyisosorbid-2-yl, 5-hydroxyisosorbid-2-yl or 5-nitratoisosorbid-2-yl.

5. (Previously Presented) A compound according to Claim 1, wherein R is C_{1-6} alkyl.

6. (Previously Presented) A compound according to Claim 1, which is a compound according to formula (1c) or (1d):



(1c)



(1d)

7. (Previously Presented) A compound according to Claim 1, which is selected from:

- 2-thioisosorbide 5-mononitrate,
- 5,5'-dinitrate-2,2'-dithiodiisosorbide,
- 2-methylthioisosorbide 5-mononitrate,
- 2-[(R)-methylsulfinyl] isosorbide 5-mononitrate,
- 2-[(S)-methylsulfinyl]isosorbide 5-mononitrate
- 2-methylsulfinylisosorbide 5-mononitrate,
- 2-methylsulfonylisosorbide 5-mononitrate,
- S-nitroso-2-thiososorbide 5-mononitrate,
- 2-(tetrahydropyran-2-yl-thio) isosorbide 5-mononitrate,
- 2-(isosorbidyl-2'dithio) isosorbide 5-mononitrate, and
- 2-(5'-acetyloxyisosorbidyl-2'-dithio) isosorbide 5-mononitrate.

8. (Previously Presented) A pharmaceutical composition comprising as active ingredients(s) at least one compound according to Claim 1, optionally together with one or more physiologically acceptable excipient(s), activator(s), chelating agent(s) and/or stabilizer(s).

9-38. (Cancelled)

39. (Original) 2,2'-dithiodiisosorbide.